

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**  
**(MBHB Docket No. 06-361)**

In re the Application of: )  
Naicker, et al. )  
Serial No.: 10/579,806 ) Group Art Unit: 3713  
Filed: May 16, 2006 ) Examiner: TBA  
For: System For Playing A ) Confirmation No. 3623  
Bingo-Type Game )

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**PETITION UNDER 37 C.F.R. § 1.47(a)**

Pursuant to 37 C.F.R. §1.47(a), the Applicant respectfully requests the U.S. Patent and Trademark Office to allow the signing inventors, Theo Naicker, Tony Yunnie, and Jon Hutchings, to make this application on behalf of themselves and the nonsigning inventor, Devan Govender, who refuses to join in the above-identified application for patent.

In support of this Petition, Applicant submits herewith the Declaration of Francesco Verardi to establish that the nonsigning inventor, Devan Govender, has refused to join in the above-identified application after being given ample opportunity to do so. Also submitted herewith is the fee set forth in 37 CFR § 1.17(g).

Applicant further states that the last known addresses of the nonsigning inventor, Devan Govender, are as follows: 1 Aqua Marina, 1 Marine Drive, Umdloti 4350, South Africa (with a postal address of P.O. Box 396, Umdloti 4350, South Africa); and: 77 Reliance Way, Oxford OX4 2FW, United Kingdom. *See* Verardi Declaration, ¶ 7.

Applicant submits that the information provided with this Petition is sufficient to establish that this application is entitled to status under 37 CFR § 1.47(a), and notice of such status is respectfully requested.

Respectfully submitted,

Date: August 7, 2007

By: Richard A. Machonkin

Richard A. Machonkin  
Reg. No. 41,962  
McDonnell Boehnen Hulbert and Berghoff LLP  
300 South Wacker Dr.  
Chicago, Illinois 60606  
Telephone: 312-913-0001  
Facsimile: 312-913-0002

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**  
**(MBHB Docket No. 06-361)**

<b>In re the Application of:</b>	)	
	)	
<b>Naicker, et al.</b>	)	<b>Group Art Unit: 3713</b>
<b>Serial No.:</b> <b>10/579,806</b>	)	<b>Examiner: TBA</b>
<b>Filed:</b> <b>May 16, 2006</b>	)	<b>Confirmation No. 3623</b>
<b>For:</b> <b>System For Playing A</b>	)	
<b>Bingo-Type Game</b>	)	

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**DECLARATION OF FRANCESCO VERARDI**

In support of the Petition under 37 C.F.R. §1.47(a) to allow the signing inventors, Theo Naicker, Tony Yunnie, and Jon Hutchings, to make this application on behalf of themselves and the nonsigning inventor, Devan Govender, who refuses to join in the above-identified application for patent, I, Francesco Verardi, hereby declare as follows:

1. I am an attorney with the law firm of Novellie Verardi & Mitchell, which is located at MGS House, Circular Road, Douglas, Isle of Man, British Isles, IM1 1BL. I have personal knowledge of the following facts, and if called to testify, I would and could testify competently to the matters set forth herein.

2. I represent Waterleaf Limited in intellectual property matters. Waterleaf Limited is the applicant for International Application No. PCT/IB2004/004060, titled "System for Playing a Bingo-Type Game." As counsel for Waterleaf Limited, I oversee

the prosecution of Serial No. 10/579,806, which is the U.S. national phase of this International Application.

3. Serial No. 10/579,806 was filed without an oath or declaration signed by the inventors. Initially, I relied on Derivco Pty Limited ("Derivco"), who had employed the inventors, to obtain the inventors' signatures.

4. On January 25, 2007, my assistant, Jill Allen, was informed by Anita Dos Santos, the Human Resources Manager at Derivco, that Mr. Govender had indicated a concern in signing the patent documents and wanted to e-mail his concerns directly to me. A copy of the relevant e-mail correspondence between Ms. Allen and Ms. Dos Santos is attached as Exhibit A.

5. On February 1, 2007, I received an e-mail message from Mr. Govender, in which he indicated that he had not had any formal dealings with any gaming companies since leaving Derivco in September and sought my advice "on how we can legally distance me from any gaming-related risk, while still ensuring that these patent documents can be handled as necessary." A copy of his e-mail message to me, and follow-up to obtain his telephone number, is attached as Exhibit B.

6. On July 30, 2007, I spoke with Mr. Govender by telephone. During that telephone conversation, Mr. Govender told me that he had concerns about signing the patent documents because of recent legislation in the United States regarding on-line gaming. Later that day, my assistant, Tracey Clarke, sent Mr. Govender an e-mail message that attached a Declaration for his signature. A redacted copy of that e-mail message, and the Declaration it attached, is attached as Exhibit C.

7. Mr. Govender subsequently provided his personal address in South Africa as: 1 Aqua Marina, 1 Marine Drive, Umhloti 4350 (with a postal address of P.O. Box 396, Umhloti 4350) and his address in the United Kingdom (valid until October) as: 77 Reliance Way, Oxford OX4 2FW.

8. On August 1, 2007, my assistant, Tracey Clarke, sent Mr. Govender an e-mail message with a revised Declaration to include his personal address in South Africa. A redacted copy of that e-mail message, and the revised Declaration it attached, is attached as Exhibit D.

9. On August 1, 2007, I also contacted Mr. Govender by telephone. During that telephone conversation, Mr. Govender told me that he was not going to sign because of the concerns that he had previously indicated to me.

10. My assistant, Tracey Clarke, subsequently received an e-mail message from Mr. Govender, in which he stated: "I refuse to sign these documents." A copy of that e-mail message is attached as Exhibit E.

11. On August 3, 2007, my assistant, Tracey Clarke, e-mailed a copy of the specification filed in the United States, a Declaration, and Assignment to Mr. Govender. A copy of the e-mail message with its attachments is attached as Exhibit F.

12. Mr. Govender responded to that e-mail message, stating: "As previously discussed with Frank Verardi, I refuse to sign these documents." A copy of his e-mail message is attached as Exhibit G.

13. I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements

and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Respectfully submitted,

Date: 6 August, 2007

By:



Francesco Verardi

# **EXHIBIT A**

**From:** Anita Dos Santos [Anita.DosSantos@microgamingsupport.com]  
**Sent:** 25 January 2007 12:29  
**To:** Jill Allen  
**Subject:** RE: Inventor signature to Patent documents (Our ref: P1081US) - DEADLINE 20 Feb 2007  
Will do so, possibly explains the reason for being given the runaround.

---

**From:** Jill Allen [mailto:jill@novellie.com]  
**Sent:** Thursday, January 25, 2007 2:17 PM  
**To:** Anita Dos Santos  
**Cc:** Frank Verardi  
**Subject:** RE: Inventor signature to Patent documents (Our ref: P1081US) - DEADLINE 20 Feb 2007

Hi Anita

Please ask Devan to send his email through to Frank at [fverardi@novellie.com](mailto:fverardi@novellie.com). Please request Devan to supply a contact telephone number in order that Frank may give him a call discuss his concerns.

Many thanks.

*Jill Allen  
Assistant to Frank Verardi  
Novellie Verardi & Mitchell  
MGS House, Circular Road, Douglas, Isle of Man, British Isles, IM1 1BL  
Tel +44 (1624) 641 529 | Fax +44 (1624) 641 521 | E-Mail [jill@novellie.com](mailto:jill@novellie.com)*

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---

**From:** Anita Dos Santos [mailto:Anita.DosSantos@microgamingsupport.com]  
**Sent:** 25 January 2007 12:12  
**To:** Jill Allen  
**Subject:** RE: Inventor signature to Patent documents (Our ref: P1081US) - DEADLINE 20 Feb 2007

Hi Jill

Devan has e mailed indicating his concern in signing this documentation in view of the current legislative issue. Please can you discuss this with Frank as Devan wants to e mail his concerns directly to him. I don't just want to give out Frank's e mail address without his permission.

Thanks so much  
Anita

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*Furthermore, the information contained in this message, and any attachments thereto, is for information purposes only and may contain the personal views and opinions of the author, which are not necessarily the views and opinions of the company.*

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# **EXHIBIT B**

P1043US - DG to JA giving his contact number 01-02-07.txt

From: Devan Govender [devangov@gmail.com]  
Sent: 01 February 2007 10:25  
To: Jill Allen  
Subject: Re: Patent Docs - US risk ?

Hi Jill

I am available on my old number +27 82 908 9777

Thanks

Devan

On 2/1/07, Jill Allen <jill@novellie.com> wrote:

> Hi Devan  
>  
> Good to hear from you. I trust you and your family are well.  
>  
> Thank you for your email to Frank regarding your concerns over the  
> signing of the patent documents. Frank has been called away on an  
> urgent family matter and will be unable to discuss the matter with you  
> today.  
>  
> Please email me your telephone number in order that Frank may contact  
> you on his return to the office.  
>  
> Keep well Devan.  
>  
> All the best.  
>  
> Jill Allen  
> Assistant to Frank Verardi  
> Novellie Verardi & Mitchell  
> MGS House, Circular Road, Douglas, Isle of Man, British Isles, IM1 1BL  
> Tel +44 (1624) 641 529 | Fax +44 (1624) 641 521 | E-Mail  
> jill@novellie.com  
>  
>  
> The information transmitted is intended only for the person or entity  
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> other use of, or taking of any action in reliance upon, this  
> information by persons or entities other than the intended recipient  
> is prohibited. If you received this in error, please contact the  
> sender and delete the material from any computer.  
>  
>  
>  
> -----Original Message-----  
> From: Devan Govender [mailto:devangov@gmail.com]  
> Sent: 01 February 2007 10:09  
> To: Frank Verardi  
> Cc: Anita Dos Santos  
> Subject: Patent Docs - US risk ?  
>  
> Hi Frank  
>  
> I hope you are well, and that US legal issues aren't giving you too  
> much work !  
>  
> Anita has sent me through some further patent documentation to sign  
> (for filing in Canada etc.) I've been giving a bit of thought to this,

P1043US - DG to JA giving his contact number 01-02-07.txt

> and wondering whether these may introduce unnecessary risk for me in  
> terms of the new US legislation (and the arrests!).  
>  
> Overall, I don't expect this to pose much of a threat to me, but even  
> a small risk would be worth avoiding.  
>  
> In a nutshell, since I officially left Derivco in September last year,  
> before these new laws were signed into effect, I have effectively not  
> had any formal dealings with any gaming companies during this period  
> when gaming is considered somewhat "illegal". By signing docs related  
> to gaming after Sep 2006, I am effectively confirming I'm still  
> involved in gaming in some way (and leaving a paper trail).  
>  
> From the (little) reading I have done on this legislation and the DOJ  
> plan to target "those involved and their advisors", I want to make  
> sure that there is zero risk to myself. After all, I do plan on  
> spending a fair bit of time in the US over the years to come.  
>  
> Please can you comment on this ? Perhaps some advice on how we can  
> legally distance me from any gaming-related risk, while still ensuring  
> that these patent documents can be handled as necessary.  
>  
> Thanks  
>  
> Devan  
>

# **EXHIBIT C**

**From:** Tracey Clarke  
**Sent:** 30 July 2007 10:51  
**To:** Devan Govender (devangov@gmail.com)  
**Subject:** P1043US - System for Playing a Bingo-Type Game into Waterleaf Ltd

**Follow Up Flag:** Follow up  
**Due By:** 01 August 2007 00:30  
**Flag Status:** Red

**Attachments:** P1051CA Unsigned Assignment Govender.doc; P1043US Signed Dec and POA excl Govender.pdf; P1043US Signed Assignment excl Govender.pdf

Dear Devan

Further to your telephone conversation with Frank this morning please find attached the Declaration and Power of Attorney together with the Assignment documentation for signing and dating where indicated and return to me at the address below. In the first instance please scan and email the signed documentation to me, with the originals to follow by post.

At the same time could you also please sign and date the attached Assignment for the Canadian national phase patent application entitled 'Promotion Administration System and Method' and return the signed document to me by post and email.

**REDACTED**

## REDACTED

If you have any queries please do not hesitate to contact Frank.

Many thanks and kind regards

*Tracey Clarke  
Novellie Verardi & Mitchell  
MGS House, Circular Road, Douglas, Isle of Man, British Isles, IM1 1BL  
Tel +44 (1624) 641 529 | Fax +44 (1624) 641 521 | E-Mail [traceyc@novellie.com](mailto:traceyc@novellie.com)*

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**DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**SYSTEM FOR PLAYING A BINGO-TYPE GAME**

the specification of which is attached hereto unless the following space is checked:

was filed on December 10, 2004 as International Application Serial Number PCT/IB2004/004060, now US Application Serial Number 10/579,806.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56 (including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application).

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s):

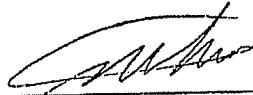
	<u>Number</u>	<u>Country</u>	<u>Day/Month/Year Filed</u>
1.	0328604.4	United Kingdom	10 December 2003
2.			

I hereby appoint the practitioners associated with the Customer Number provided below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and I direct that all correspondence be addressed to that Customer Number.

Customer Number: **020306**  
Principal attorney or agent: Richard A. Machonkin  
Telephone number: 312-913-0001

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

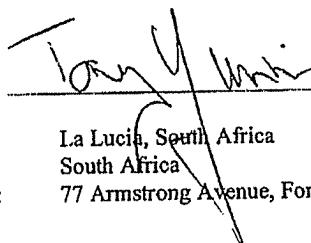
Full name of first joint inventor: Theo Naicker

Inventor's signature: 

Date: 30-1-07

Residence: La Lucia, South Africa  
Citizenship: South Africa  
Post Office Address: 77 Armstrong Avenue, Forest Park, La Lucia 4051, South Africa

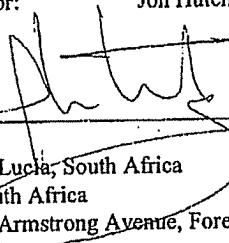
Full name of second joint inventor: Tony Yunnie

Inventor's signature: 

Date: 30-1-07

Residence: La Lucia, South Africa  
Citizenship: South Africa  
Post Office Address: 77 Armstrong Avenue, Forest Park, La Lucia 4051, South Africa

Full name of third joint inventor: Jon Hutchings

Inventor's signature: 

Date: 30-01-07

Residence: La Lucia, South Africa  
Citizenship: South Africa  
Post Office Address: 77 Armstrong Avenue, Forest Park, La Lucia 4051, South Africa

Full name of fourth joint inventor: Devan Govender

Inventor's signature: \_\_\_\_\_

Date: \_\_\_\_\_

Residence: La Lucia, South Africa  
Citizenship: South Africa  
Post Office Address: 77 Armstrong Avenue, Forest Park, La Lucia 4051, South Africa

# **EXHIBIT D**

**From:** Tracey Clarke  
**Sent:** 01 August 2007 15:17  
**To:** Devan Govender (devangov@gmail.com)  
**Subject:** P1043US - System for Playing a Bingo-Type Game into Waterleaf Ltd

**Follow Up Flag:** Follow up  
**Due By:** 02 August 2007 00:30  
**Flag Status:** Red

**Attachments:** P1043US Signed Dec and POA excl Govender.pdf; P1043US Signed Assignment excl

Govender.pdf

Dear Devan

**REDACTED**

have therefore amended the relevant signature block on the attached Declaration and Power of Attorney. I have also attached the assignment again for your convenience although there were no addresses to amend on this document.

I would be most grateful if you could please return the signed documents by email in the first instance with the originals to follow as soon as possible as they need to be submitted without delay.

Many thanks for your continued assistance

Kind regards

*Tracey Clarke  
Assistant to Frank Verardi  
Novellie Verardi & Mitchell  
MGS House, Circular Road, Douglas, Isle of Man, British Isles, IM1 1BL  
Tel +44 (1624) 641 529 | Fax +44 (1624) 641 521 | E-Mail [traceyc@novellie.com](mailto:traceyc@novellie.com)*

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**DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**SYSTEM FOR PLAYING A BINGO-TYPE GAME**

the specification of which is attached hereto unless the following space is checked:

was filed on December 10, 2004 as International Application Serial Number PCT/IB2004/004060, now US Application Serial Number 10/579,806.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56 (including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application).

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s):

	<u>Number</u>	<u>Country</u>	<u>Day/Month/Year Filed</u>
1.	0328604.4	United Kingdom	10 December 2003
2.			

I hereby appoint the practitioners associated with the Customer Number provided below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and I direct that all correspondence be addressed to that Customer Number.

Customer Number: **020306**  
Principal attorney or agent: Richard A. Machonkin  
Telephone number: 312-913-0001

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

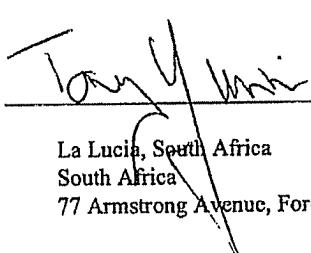
Full name of first joint inventor: Theo Naicker

Inventor's signature: 

Date: 30-1-07

Residence: La Lucia, South Africa  
Citizenship: South Africa  
Post Office Address: 77 Armstrong Avenue, Forest Park, La Lucia 4051, South Africa

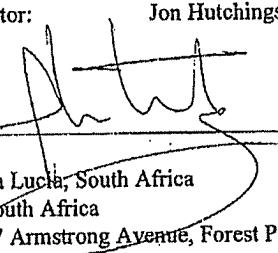
Full name of second joint inventor: Tony Yunnie

Inventor's signature: 

Date: 30-1-07

Residence: La Lucia, South Africa  
Citizenship: South Africa  
Post Office Address: 77 Armstrong Avenue, Forest Park, La Lucia 4051, South Africa

Full name of third joint inventor: Jon Hutchings

Inventor's signature: 

Date: 30-01-07

Residence: La Lucia, South Africa  
Citizenship: South Africa  
Post Office Address: 77 Armstrong Avenue, Forest Park, La Lucia 4051, South Africa

Full name of fourth joint inventor: Devan Govender

Inventor's signature: \_\_\_\_\_

Date: \_\_\_\_\_

Residence: Umdloti, South Africa  
Citizenship: South Africa  
Post Office Address: 1 Aqua Marina, 1 Marine Drive, Umdloti, 4350, South Africa

# **EXHIBIT E**

**From:** Devan Govender [devangov@gmail.com]  
**Sent:** 01 August 2007 23:33  
**To:** Tracey Clarke  
**Subject:** Re: P1043US - System for Playing a Bingo-Type Game into Waterleaf Ltd  
Hi Tracey

I refuse to sign these documents.

Thanks

Devan

On 8/1/07, **Tracey Clarke** <[TraceyC@novellie.com](mailto:TraceyC@novellie.com)> wrote:

Dear Devan

**REDACTED**

have therefore amended the relevant signature block on the attached Declaration and Power of Attorney. I have also attached the assignment again for your convenience although there were no addresses to amend on this document.

I would be most grateful if you could please return the signed documents by email in the first instance with the originals to follow as soon as possible as they need to be submitted without delay.

Many thanks for your continued assistance

Kind regards

*Tracey Clarke  
Assistant to Frank Verardi  
Novellie Verardi & Mitchell  
MGS House, Circular Road, Douglas, Isle of Man, British Isles, IM1 1BL  
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# **EXHIBIT F**

**From:** Tracey Clarke  
**Sent:** 03 August 2007 16:06  
**To:** Devan Govender (devangov@gmail.com)  
**Subject:** Our Ref: P1043US - U.S. Patent Application No. 10/579,806 entitled "System for Playing A Bingo-Type Game"

**Importance:** High

**Attachments:** P1043US Specification as filed in US.pdf; P1043US Amended Signed Dec and POA excl Govender.pdf; P1043US Signed Assignment excl Govender.pdf

Dear Devan

I attach a copy of the complete U.S. Patent Application Serial No. 10/579,806 (entitled "System for Playing A Bingo-Type Game"). I have also again appended two forms directly relating to the patent application: a draft Declaration and a draft Assignment. Please sign the two documents and return them to me as a matter of urgency.

Regards

*Tracey Clarke  
Assistant to Frank Verardi  
Novellie Verardi & Mitchell  
MGS House, Circular Road, Douglas, Isle of Man, British Isles, IM1 1BL  
Tel +44 (1624) 641 529 | Fax +44 (1624) 641 521 | E-Mail [traceyc@novellie.com](mailto:traceyc@novellie.com)*

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(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
23 June 2005 (23.06.2005)

PCT

(10) International Publication Number  
WO 2005/057317 A3

(51) International Patent Classification<sup>7</sup>: A63F 9/24

(21) International Application Number:  
PCT/IB2004/004060

(22) International Filing Date:  
10 December 2004 (10.12.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
0328604.4 10 December 2003 (10.12.2003) GB

(71) Applicant (for all designated States except US): WATER-LEAF LIMITED [GB/GB]; 1st Floor, 28 Victoria Street, Douglas, IM1 2LE (GB).

(72) Inventors; and

(75) Inventors/Applicants (for US only): NAICKER, Theo [ZA/ZA]; c/o 77 Armstrong Avenue, Forest Park, La Lucia 4051 (ZA). YUNNIE, Tony [ZA/ZA]; c/o 77 Armstrong

Avenue, Forest Park, La Lucia 4051 (ZA). HUTCHINGS, Jon [ZA/ZA]; c/o 77 Armstrong Avenue, Forest Park, La Lucia 4051 (ZA). GOVENDER, Devan [ZA/ZA]; c/o 77 Armstrong Avenue, Forest Park, La Lucia 4051 (ZA).

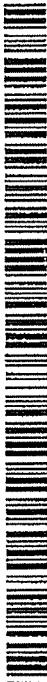
(74) Agent: BOWMAN, GILFILLAN, INC., (John, &, Ker-nick); 165 West Street, Sandton, 2146 Johannesburg (ZA)

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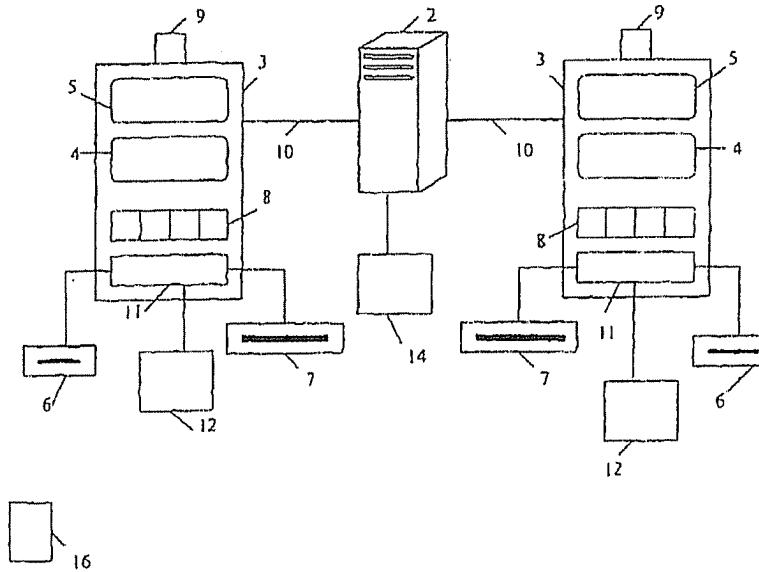
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[Continued on next page]

(54) Title: SYSTEM FOR PLAYING A BINGO-TYPE GAME



WO 2005/057317 A3



(57) Abstract: A system (1) for playing a bingo-type game comprising a number of player stations, a random event generator capable of generating a number of random events upon which an outcome of a game of bingo is based, a secondary display means corresponding to each player station, the secondary display means being instructable by the player station to display a simulation of the turn of the game of bingo, and a primary display means corresponding to each player station, the primary display means being instructable by the player station to display a simulation of a turn of a different entertainment game.



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**B. FIELDS SEARCHED**

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**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5,393,057 A (MARVELL, II) 28 February 1995 (28.02.1995), whole document.	I-37
Y	US 2002/0113369 A1 (WEINGARDT) 22 August 2002 (22.08.2002), whole document.	I-37
Y	US 4,856,787 A (JTKIS) 15 August 1989 (15.08.1989), whole document.	I-37
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A	US 6,079,711 A (WEI et al) 27 June 2000 (27.06.2000), whole document.	I-37
A	US 6,409,173 B1 (TRI) 25 June 2002 (25.06.2002), whole document.	I-37
A	US 2002/0094860 A1 (ITKIS et al) 18 July 2002 (18.07.2002), whole document.	I-37
A	US 2002/0183105 A1 (CANNON et al) 05 December 2002 (05.12.2002), whole document.	I-37

Further documents are listed in the continuation of Box C

See patent family annex.

* Special categories of cited documents:	"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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## C. (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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A	US 6,656,044 B1 (LEWIS) 02 December 2003 (02.12.2003), whole document.	I-37
Y,E	US 2005/0098944 A1 (BRANDSTETTER) 12 May 2005 (12.05.2005), whole document	I-37

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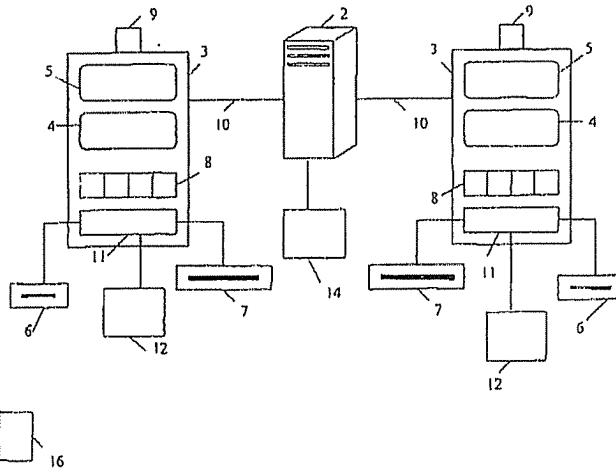
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[Continued on next page]

(54) Title: SYSTEM FOR PLAYING A BINGO-TYPE GAME



**WO 2005/057317 A2**

(57) Abstract: A system for playing a bingo-type game comprises a number of player stations, a random event generator capable of generating a number of random events upon which an outcome of a game of bingo is based, a secondary display means corresponding to each player station, the secondary display means being instructable by the player station to display a simulation of the turn of the game of bingo, and a primary display means corresponding to each player station, the primary display means being instructable by the player station to display to a player a simulation of a turn of a different entertainment game. Each player station is operable by a player to place a wager on a turn of the game of bingo. The outcome of the turn of the game of bingo is either an unfavourable outcome in which the player forfeits the wager, and at least one favourable outcome in which the player wins a corresponding prize. The turn of the different entertainment game has an outcome that is unfavourable outcome when the outcome of the turn of the game of bingo is an unfavourable outcome, and an outcome that causes the player to win the same corresponding prize as the game of bingo when the outcome of the turn of the game of bingo is a favourable outcome.



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**SYSTEM FOR PLAYING A BINGO-TYPE GAME****Field of the Invention**

- 10 This invention relates to a system for playing a bingo-type game and, more particularly, to a system for playing a bingo-type game that includes an associated entertainment feature. The invention extends to a method of operation of a system for playing a bingo-type game.

15

**Background to the Invention**

There exists a class of electronic gaming systems that can be used to play bingo-type games. A bingo-type game is played with predetermined "cards" in the form  
20 of data structures that include a number of symbols randomly arranged in a grid of positions. In the course of play, symbols are selected randomly from an available pool of symbols and matched to the symbols on the cards. A card having matching symbols arranged in a predetermined pattern is a winning card and qualifies a player with whom that card is associated to win a prize.

25

The Indian Gaming Regulatory Act (IGRA) of the United States defines a certain class of game, namely a Class II game, as including the game of bingo, irrespective of whether or not electronic, computer, or other technological aids are used in conjunction with the game.

30

A disadvantage of bingo games is that the probability of winning a prize, or losing, with a particular card is always determined by a fixed set of constraints,

which include a number of symbols available in the pool of symbols, the predetermined patterns to be matched, and the number of grid positions on the card. For a given set of constraints, the probability of winning is fixed, and varying the constraints has only a limited effect on the probability of winning a prize.

5

It is desirable to modify a Class II bingo game to provide an enhanced entertainment feature that will allow a player to win any one of a number of different desirable prizes available during play.

10

#### Object of the Invention

It is an object of this invention to provide a system for playing a bingo-type game, and a method of operation thereof, that will, at least partially, alleviate the 15 abovementioned difficulties and disadvantages.

15

#### Summary of the Invention

- 20 In accordance with this invention there is provided a system for playing a bingo-type game, comprising:  
a plurality of player stations, each player station being operable by a player to place a wager on a turn of a game of bingo;  
a random event generator activatable to generate a number of random events  
25 upon which an outcome of the game of bingo is based, the outcome being either an unfavourable outcome in which the player forfeits the wager, and at least one favourable outcome in which the player wins a corresponding prize;  
a secondary display means instructable by the player station to display a simulation of the turn of the game of bingo; and  
30 a primary display means instructable by the player station to display to the player a simulation of a turn of a different entertainment game, the turn of the different entertainment game having an outcome that is an unfavourable outcome when

the outcome of the turn of the game of bingo is an unfavourable outcome, and causing the player to win the same corresponding prize as the game of bingo when the outcome of the turn of the game of bingo is a favourable outcome.

- 5    Further features of the invention provide for the random event generator to be executable in a gaming server remote from the plurality of player stations, for the gaming server to be communicable with each one of the plurality of remote player stations by means of a communication network, for the different entertainment game to be a game of video slots, for the game of bingo to have 75 uniquely numbered balls, for a random event generated by the random event generator to correspond to the drawing at random of one of the 75 uniquely numbered balls, for a player bingo card associated with the game of bingo to have 25 positions thereon arranged in a 5 by 5 grid, each grid position being numbered with a respective random number from one to 75, for one favourable outcome of the game of bingo to correspond to a game-ending pattern causing the turn of the game of bingo to terminate, for the game-ending pattern to arise when all the numbers on at least one player bingo card match the numbers drawn by the random event generator, for the game of bingo to have a plurality of further favourable outcomes, and for each one of the plurality of further favourable outcomes to arise when all the numbers in a predetermined pattern on at least one player bingo card match the numbers drawn by the random event generator.
- 10
- 15
- 20

- Still further features of the invention provide for the random event generator to draw at random a first set of 24 of the 75 balls, for the gaming server to transmit data corresponding to the first set of 24 balls to each one of the player stations, for each one of the player stations to activate a prize claiming means operable by a player to claim any favourable outcome arising from the first set of 24 balls, for the prize claiming means to be a pushbutton on the player station, alternatively an activatable icon on the primary display means, and for the prize claiming means to be operable by a player for a predetermined period of time.
- 25
- 30

- Still further features of the invention provide for the random event generator to draw at random further balls one at a time, for the gaming server to check for the occurrence of a game-ending pattern on any of the player bingo cards after the drawing of each ball, for the gaming server to transmit data corresponding to all
- 5 the drawn balls necessary for the occurrence of the game-ending pattern to each one of the player stations if the game-ending pattern is not the last possible game-ending pattern in the turn of the game of bingo, for each one of the player stations to activate the prize claiming means operable by a player to claim a favourable outcome arising from the occurrence of the game-ending pattern, and
- 10 for the prize claiming means to be operable by a player for a predetermined period of time, and for the gaming server to terminate the turn of the game of bingo if a player claims the favourable outcome within the predetermined period of time.
- 15 Yet further features of the invention provide for the random event generator to draw at random all the remaining balls if the game-ending pattern is the last possible game-ending pattern in the turn of the game of bingo, for the gaming server to transmit data corresponding to all the drawn balls necessary for the occurrence of the last game-ending pattern and the remaining balls to each one
- 20 of the player stations, for each one of the player stations to activate the prize claiming means operable by a player to claim a favourable outcome arising from the occurrence of the last possible game-ending pattern, for the gaming server to terminate the turn of the game of bingo if a player claims the favourable outcome, and for the prize claiming means to remain activated until a player claims the
- 25 favourable outcome.

The invention extends to a method of operation of a system for playing a bingo-type game, comprising the steps of:

enabling each one of a plurality of player stations for operation by a respective

30 player to place a wager on a turn of a game of bingo;

activating a random event generator to generate a number of random events upon which an outcome of the game of bingo is based, the outcome being either

- an unfavourable outcome in which the player forfeits the wager, and at least one favourable outcome in which the player wins a corresponding prize;
- displaying to the player on a secondary display means a simulation of a turn of the game of bingo; and
- 5 displaying to the player on a primary display means a simulation of a turn of a different entertainment game, the turn of the different entertainment game having an outcome that is an unfavourable outcome when the outcome of the turn of the game of bingo is an unfavourable outcome, and causing the player to win the same corresponding prize as the game of bingo when the outcome of the turn of
- 10 the game of bingo is a favourable outcome.

There is further provided for executing the random event generator in a gaming server remote from the plurality of player stations, for providing communication between the gaming server and each one of the plurality of remote player stations by means of a communication network, for establishing the game of bingo with 75 uniquely numbered balls, for configuring a random event generated by the random event generator to correspond to the drawing at random of one of the 75 uniquely numbered balls, for establishing a player bingo card associated with the game of bingo to have 25 positions thereon arranged in a 5 by 5 grid, each grid position being numbered with a respective random number from one to 75, for establishing one favourable outcome of the game of bingo to correspond to a game-ending pattern causing the turn of the game of bingo to terminate, for determining the game-ending pattern to arise when all the numbers on at least one player bingo card match the numbers drawn by the random event generator,

15 for establishing the game of bingo to have a plurality of further favourable outcomes, and for determining each one of the plurality of further favourable outcomes to arise when all the numbers in a predetermined pattern on at least one player bingo card match the numbers drawn by the random event generator.

20

25

30 There is still further provided for drawing at random a first set of 24 of the 75 balls, for transmitting data corresponding to the first set of 24 balls to each one of the player stations, for activating on each one of the player stations a prize

claiming means operable by a player to claim any favourable outcome arising from the first set of 24 balls, and for activating the prize claiming means to be operable by a player for a predetermined period of time.

- 5 There is yet further provided drawing at random further balls one at a time, for checking for the occurrence of a game-ending pattern on any of the player bingo cards after the drawing of each ball, for transmitting data corresponding to all the drawn balls necessary for the occurrence of the game-ending pattern to each one of the player stations if the game-ending pattern is not the last possible game-
- 10 ending pattern in the turn of the game of bingo, for activating on each one of the player stations the prize claiming means operable by a player to claim a favourable outcome arising from the occurrence of the game-ending pattern, and for activating the prize claiming means to be operable by a player for a predetermined period of time, and for terminating the turn of the game of bingo if
- 15 a player claims the favourable outcome within the predetermined period of time.

There is also provided for drawing at random all the remaining balls if the game-ending pattern is the last possible game-ending pattern in the turn of the game of bingo, for transmitting data corresponding to all the drawn balls necessary for the occurrence of the last game-ending pattern and the remaining balls to each one of the player stations, for activating on each one of the player stations the prize claiming means operable by a player to claim a favourable outcome arising from the occurrence of the last possible game-ending pattern, for terminating the turn of the game of bingo if a player claims the favourable outcome, and for activating the prize claiming means until a player claims the favourable outcome.

#### Brief Description of the Drawings

- 30 A preferred embodiment of the invention is described below, by way of example only, and with reference to the abovementioned drawings, in which:

Figure 1 is a functional representation of a system for playing a bingo-type game, according to the invention; and

Figure 2 is a partial flow chart of the operation of the system of Figure 1;

5

Figure 3 is a further partial flow chart of the operation of the system of Figure 1; and

Figure 4 is a still further partial flow chart of the operation of the system of Figure

10 1.

#### Detailed Description of the Invention

15 Referring to Figure 1, a system for playing a bingo-type game is indicated generally by reference numeral (1).

The system (1) for playing a bingo-type game includes a gaming server (2), two or more player stations (3) in the form of freestanding kiosks. Each kiosk has a primary (4) and a secondary (5) display monitor, a magnetic card reader (6), a note validator (7), an array of pushbuttons (8) and a tower light (9). Each kiosk (3) is located remotely from the gaming server (2) and communication between each kiosk and the gaming server is provided by means of a communication network (6) that is, in this embodiment, the Internet.

25

Each kiosk (3) includes a processor (11) that operates under a Windows XP operating system, which is well known and commercially available from the Microsoft Corporation of Seattle, Washington, USA. The processor (11) executes a client software program (12) that performs at least two functions, namely that of simulating the progress of a game of bingo, and simulating an entertainment feature in the form of a video slots game. The operation of the client software program will be described in more detail in the description that follows.

The game of bingo that can be played by a player on the system (1) comprises a set of 75 predetermined unique symbols that will be referred to, for convenience, as "balls", numbered from 1 to 75, respectively. A player bingo card has 25 grid positions arranged in an array of five rows and five columns. Each grid position of the array is marked, randomly, with a number between 1 and 75 corresponding to one of the 75 balls available in the game. A player may win a prize by obtaining any one of a number of predetermined patterns of symbols on the bingo card by matching the numbers marked on the grid positions of the bingo card with balls as they are selected (or "drawn") by the gaming server from the 75 available balls. One of the predetermined winning patterns is designated as a game-ending pattern ("GEP") that, when obtained by a player, causes the turn of the bingo game to terminate. In this embodiment, the GEP is a "cover all", that is the number of each of the grid positions on the bingo card must match that of a drawn ball. The remaining prize-winning patterns are referred to as intermediate prize-winning patterns ("IPs"), which do not cause the turn of the bingo game to terminate. Some examples of IPs are: the grid positions in a row or a column of the player's bingo card, the grid positions on the diagonals of the bingo card, or the grid positions at the four corners of the bingo card. It will be appreciated that many other patterns of grid positions on the bingo card, whether regular patterns or random patterns may be designated, a priori, as IPs.

The gaming server (2) operates under a Windows NT operating system that is also well known and commercially available from the Microsoft Corporation. The gaming server (2) includes a random event generator in the form of a computer program (14) that is executable to generate random events upon which an outcome of the game of bingo is based. As an illustration, in order to simulate the drawing of a ball, the random event generation program (14) is executable to select, on a random basis, an integer between 1 and 75 that corresponds to the selection of a corresponding one of the predetermined balls. It will be further appreciated that the random event generator (14) can draw any particular ball only once in any single turn of the bingo game.

A player wishing to use the system (1) is first required to register and to create an account on the gaming server (2). Upon registration, the player is issued with a magnetic card token (16) that has a unique player identification number stored thereon, and a corresponding player account is established on the gaming server (2). The player is then required to pre-fund the account by purchasing credit that will, for convenience, be denominated in this description in "units" of credit. The gaming server (2) stores a credit balance corresponding to the player's account at all times. The player may purchase credit after completion of registration formalities or by inserting banknotes into a note validator (7) on any one of the kiosks (3), which causes the player's credit balance to be incremented by the gaming server (2) by the number of units of credit purchased by the player.

In order to commence play, a player inserts his magnetic card token (16) into a magnetic card reader (6) of any one of the kiosks (3) that is available for use. When the magnetic card token (16) has been inserted, the magnetic card reader (6) reads the unique player identification number stored on the magnetic card token and the processor (11) transmits the player identification number to the gaming server (2). The gaming server (2) then obtains the player's credit balance and returns it to the kiosk (3) for display to the player on the primary display monitor (4) of the kiosk (3). The client software program (12) checks whether the player's credit balance is greater than a minimum wager size necessary to play a turn of the game of bingo. If the player's credit balance is smaller than the minimum wager size, a message is displayed to the player on the primary display monitor (4) of the kiosk (3) to fund the account by purchasing credit, which the player can do by introducing one or more banknotes into the note validator (7) on the kiosk. The player's wager is denominated as an integral number of units of credit. The size of the player's wager is displayed on the primary display monitor (4). There must be sufficient credit in the player's account to cover any wager that is made by the player. Data relating to the type and size of the wager made by the player is transmitted by the kiosk (3) across the communication network

(6) to the gaming server (2) where it is recorded in a database on an associated storage device (not shown), such as a magnetic or optical storage disk.

- When the player does possess, or has acquired, sufficient credit for a minimum bet size, the client software program (12) presents to the player, on the primary display monitor (4), a simulation of a conventional three-reel slot game having an associated prize table. Such three-reel slot games and associated prize tables are well known in the art and will, for this reason, not be described here in detail. The three-reel slot game may have multiple pay lines, may support multiple-coin wagers and may include multiplier symbols that increase game prizes by predetermined integer multiples. The client software program (12) also presents to the player, on the secondary display monitor (5), a representation of a bingo card that the player can use to play the turn of the game, as well as a display of a bingo prize table for the game of bingo. The bingo prize table comprises a list of one or more intermediate prize winning patterns, each with a corresponding intermediate prize for which a player qualifies upon successfully obtaining that pattern, as well as the game-ending, or cover all, pattern with an associated game-ending prize. In this embodiment the game-ending prize associated with the game-ending bingo pattern is a minor prize, namely one fifth of a unit of credit. Each prize in the bingo prize table corresponds to a prize in the prize table associated with the three-reel slots game, which ensures that any prize-winning pattern achieved by a player may be represented as a winning outcome of the three reel slots game that carries the same prize.
- One of the buttons on the pushbutton array (8) of the kiosk (3) is labelled "Change Card". The player may activate this button repeatedly, each activation causing the client software program (12) to display a different bingo card, until the player receives a bingo card with which he is satisfied. Only one player may select any particular bingo card in a turn of the game. A further one of the buttons on the pushbutton array (8) is labelled "Spin". By depressing the Spin button once, progress of the turn of the game of bingo commences and the client

software program (12) animates the three reels of the slot machine game displayed on the primary display screen (4) game to show them spinning.

The bingo-type game is a multiplayer game and at least two players are required  
5 in order to play the game. If the player is the first to participate in the turn of the game, the player's details are added to a game queue (not shown) in the gaming server (2), and the client software program (12) initiates a 3-second countdown timer. This countdown timer provides a 3 second interval during which further players may join the game. An advisory message is displayed to the player in the  
10 game queue (not shown) that additional players are awaited by the system (1). If a second player does not join the game before expiry of the 3-second countdown timer, the timer is re-initiated, upon expiry thereof, for a further 3-second period and the advisory message is re-displayed to the first player in the game queue. If a second player joins the game by inserting his magnetic card token (10) into a  
15 magnetic card reader (6) of a different kiosk (3), the second participating player's details are also added to the game queue, the 3-second countdown timer is cancelled and the bingo simulation software program (12) initiates a second, further countdown timer of 1,5 seconds. The purpose of this second countdown timer is to permit participation in the game by additional players other than those  
20 already in the game queue.

At the expiry of the second 1,5-second countdown timer, the gaming server (2) checks that there are still two players in the game queue and establishes a game in accordance with the player selections. The gaming server (2) reduces the  
25 credit balance of each participating player by a corresponding amount wagered by that player.

At this stage of the game, the random event generation program (14) randomly selects n -1 balls from the 75 balls available, where n is the number of grid positions on the bingo card, which is, in this embodiment, 25. The gaming server (2) thus effectively "draws" 24 balls. The gaming server (2) transmits the numbers of the balls that have been drawn by the gaming server (2) to the kiosk (3) of

each participating player. The client software program in each kiosk (3) displays the balls drawn by the gaming server (2) on the secondary display monitor (5) of that kiosk. A further button on the pushbutton array (8) of each kiosk (3) is labelled "Daub". When a kiosk (3) receives data relating to the balls drawn by the 5 gaming server (2), the client software program of the kiosk enables the Daub button and initiates a third 1,5-second countdown timer.

The game of bingo is participative in nature and each participating player is required to activate the Daub pushbutton on the pushbutton array of his 10 respective kiosk (3) prior to expiry of that kiosk's third countdown timer. Upon doing so, the 24 drawn balls are matched with the numbers appearing on that player's bingo card and any matching numbers are displayed in a contrasting colour on the secondary display monitor (5). If any player fails to activate the Daub button on the kiosk (3) prior to the expiry of the third 1,5-second countdown 15 timer, that player forfeits any prizes that he may have won after selection of the first 24 balls by the gaming server (2). It will be appreciated by those skilled in the art that it will be impossible for a player to obtain a game-ending pattern, or cover-all, on the basis of the first 24 balls selected by the gaming server (2), as at least 25 balls are required for this to occur. Therefore the game of bingo must 20 continue further, before terminating.

The gaming server (2) then selects further balls, one at a time. After each ball selection the gaming server (2) checks each of the player cards in use by the players for the occurrence of a cover-all game-ending pattern. If no game-ending 25 pattern has occurred, the gaming server (2) will select another ball and check again. This process repeats, one ball at a time, until a game-ending pattern arises. In order to promote a fast-moving game, the gaming server (2) does not transmit data relating to a newly selected ball to the various player kiosks (3) until a game-ending pattern has arisen on any of the player cards. As soon as the 30 game-ending pattern arises, the server checks whether it is a last possible game-ending pattern achievable for that turn of the game. If it is the last possible game-ending pattern, the gaming server (2) then selects all the remaining balls, one at

- a time, without any further checks. If it is not the last possible game-ending pattern, the gaming server (2) transmits data relating only to the balls selected thus far to the various kiosks (3) for display to the players on the secondary display monitors (5) of the kiosks. Each player will then have a further period of
- 5 1,5 seconds, as measured by a fourth countdown timer within which to activate the Daub button a further time. If any player eligible to win a prize associated with the game-ending pattern fails to activate the Daub button on the kiosk (3) prior to the expiry of the fourth 1,5-second countdown timer, that player forfeits the game-ending prize. This forfeiture is known, in bingo, as "sleeping the bingo".
- 10 Each time any player activates the Daub button, the client program transmits data relating to such activation to the gaming server (2), together with an associated time stamp, in order that the gaming server may determine which prizes, if any, the player qualifies for. As soon as any player activates the Daub button, that player's bingo card is updated to reflect any matching numbers
- 15 drawn thus far by the gaming server (2).

If a player or players with a game-ending pattern does not activate the Daub button within the permitted time, the gaming server will continue to select a single ball at a time until a further game-ending pattern is reached. If a player with a

20 game-ending pattern does activate the Daub button within the permitted time, the turn of the bingo game terminates.

Once the game-ending pattern is obtained and claimed by one or more qualifying players, the gaming server (2) determines the prizes won by the various players,

25 whether for obtaining an intermediate patterns or the game-ending pattern. The determination is made according to the following rules:

1. to qualify for a prize associated with an intermediate pattern or a game-ending pattern, the player must have obtained the required pattern of balls
- 30 on his bingo card and daubed within the specified time period, that is before the next ball is selected by the gaming server (2);

2. if two or more players obtain and claim the game-ending pattern by daubing, the first player to daub will be awarded the prize associated with the game-ending pattern;
  3. if two or more players obtain and claim a same intermediate pattern, they are each awarded a prize associated with that intermediate pattern; and
  4. any player qualifying for and claiming more than one prize, whether intermediate or game-ending, will only be awarded the largest of the prizes.
- 10 Once the gaming server (2) has completed the prize determination as described above, the credit balances of the various accounts of the participating players are updated on the gaming server and transmitted by the gaming server to the various kiosks (3) for display to the respective players on the primary display monitors (5). At the same time, the client software program (12) of each kiosk (3) causes the animation of the spinning reels of the three-reel slot game to slow down and to cause the reels to come to rest at positions that correspond to the prize won by the player in the underlying bingo game. Where a player has not won an intermediate prize in the bingo game, the reels will stop with a result that does not correspond to a prize in the slots prize table. Where a player has won an intermediate prize in the bingo game, the reels will stop at a result that is associated with a prize in the slots prize table that is equal to the prize in the bingo prize table associated with the intermediate pattern obtained by that player.

It is possible that, after the gaming server (2) has selected all 75 balls, no participating player claims a game-ending pattern within the allowed time period. In such an instance, the client software program (12) displays a prominent message to each player, on the primary display monitor (5), to daub. In order to urge the participating players to terminate the turn of the game of bingo, the gaming server (2) instructs the client software program (12) in each kiosk (3) to cause the tower light (9) of each kiosk to flash in order to prompt the participating players to daub again in order to bring the turn of the game to an end. In this instance, the client software program (12) does not initiate a countdown timer,

and only the player who obtained the last possible game-ending pattern will be able to end the turn of the game by daubing.

It will be appreciated by those skilled in the art that the elements of the game that relate to the bingo-type game are all presented to a participating player on the secondary display monitor (5), while all the elements of the game that relate to the slots game are presented to the player on the primary display monitor (4). In this manner, the player is able to enjoy an experience associated with a game of slots, whilst, in reality playing a game of participative bingo. It will be appreciated that the slots game is merely an entertainment feature used to represent any prizes won by the participating players in the underlying game of bingo. This is advantageous as the system may be used to enable players to experience a slots game in jurisdictions where participative games of chance such as bingo are permitted and games such as traditional casino games are not permitted, such as Class II gaming jurisdictions.

Numerous modifications are possible to this embodiment. Firstly, a kiosk (3) may only be equipped with a single display monitor, in which case the elements displayed separately on the primary and secondary display monitors (4 and 5) are combined for presentation to a player. In this instance, the bingo-related elements may be presented in reduced scale adjacent the slots-related elements in order to maintain the emphasis on the presentation of the slots game. Secondly, the pushbutton array (8) may be dispensed with and replaced with a touch-sensitive area on the primary display monitor. Further, the entertainment element of the bingo-type game may be a simulation of a game other than a three-reel slots game such as, for example, a game of video poker. Still further, the parameters of the underlying bingo game, such as number of balls, bingo card layouts and winning patterns of symbols may be altered to enhance the attractiveness of the bingo game to players and to provide for bigger prizes to be won.

The invention therefore provides a system for playing a bingo-type game that includes an entertainment feature that will allow participating players to play the game with minimal emphasis on the bingo elements of the game.

Claims

1. In accordance with this invention there is provided a system for playing a bingo-type game, comprising:
  - 5 a plurality of player stations, each player station being operable by a respective player to place a wager on a turn of a game of bingo; a random event generator activatable to generate a number of random events upon which an outcome of the game of bingo is based, the outcome being either an unfavourable outcome in which the player forfeits the wager, and at least one favourable outcome in which the player wins a corresponding prize;
  - 10 a secondary display means instructable by the player station to display a simulation of the turn of the game of bingo; and
  - 15 a primary display means instructable by the player station to display to the player a simulation of a turn of a different entertainment game, the turn of the different entertainment game having an outcome that is an unfavourable outcome when the outcome of the turn of the game of bingo is an unfavourable outcome, and causing the player to win the same corresponding prize as the game of bingo when the outcome of the turn of the game of bingo is a favourable outcome.
2. A system as claimed in claim 1 in which the random event generator is executable in a gaming server remote from the plurality of player stations, the gaming server being communicable with each one of the plurality of remote player stations by means of a communication network.
  - 25
3. A system as claimed in any one of the preceding claims in which the different entertainment game is a game of video slots.
  - 30
4. A system as claimed in either one of claims 1 or 2 in which the game of bingo has 75 uniquely numbered balls and in which a random event

generated by the random event generator corresponds to the drawing at random of one of the 75 uniquely numbered balls.

5. A system as claimed in claim 4 in which a player bingo card associated with the game of bingo has 25 positions thereon arranged in a 5 by 5 grid, each grid position being numbered with a respective random number from 1 to 75.
10. A system as claimed in claim 5 in which one favourable outcome of the game of bingo as a game-ending pattern causing the turn of the game of bingo to terminate.
15. A system as claimed in claim 6 in which the game-ending pattern arises when each number on at least one player bingo card matches a number drawn by the random event generator.
20. A system as claimed in claim 7 in which the game of bingo has a plurality of further favourable outcomes, each one arising when all the numbers in a respective predetermined pattern on at least one player bingo card match the numbers drawn by the random event generator.
25. A system as claimed in claim 4 in which the random event generator draws at random a first set of 24 of the 75 balls and transmits data corresponding to the first set of 24 balls to each one of the player stations.
10. A system as claimed in claim 9 in which each one of the player stations includes a prize claiming means operable by a player to claim any favourable outcome arising from the first set of 24 balls.
30. 11. A system as claimed in claim 10 in which the prize claiming means is any one of a pushbutton on the player station or an activatable icon on the primary display means.

- 12.A system as claimed in either one of claims 10 or 11 in which the prize claiming means is operable by a player for a predetermined period of time.
- 5       13.A system as claimed in claim 9 in which the random event generator draws at random further balls one at a time and the gaming server checks for the occurrence of a game-ending pattern on any of the player bingo cards after the drawing of each ball.
- 10      14.A system as claimed in claim 13 in which the gaming server transmits data corresponding to all the drawn balls necessary for the occurrence of the game-ending pattern to each one of the player stations if the game-ending pattern is not the last possible game-ending pattern in the turn of the game of bingo.
- 15      15.A system as claimed in claim 14 in which each one of the player stations activates its respective prize claiming means for a predetermined period of time to be operable by a player to claim a favourable outcome arising from the occurrence of the game-ending pattern.
- 20      16.A system as claimed in claim 15 in which the gaming server terminates the turn of the game of bingo if a player claims the favourable outcome within the predetermined period of time.
- 25      17.A system as claimed in claim 16 in which the random event generator draws at random all the remaining balls if the game-ending pattern is the last possible game-ending pattern in the turn of the game of bingo and the gaming server transmits data corresponding to all the drawn balls necessary for the occurrence of the last game-ending pattern and the remaining balls to each one of the player stations.
- 30

18. A system as claimed in claim 17 in which each one of the player stations activates its respective prize claiming means to be operable by a player to claim a favourable outcome arising from the occurrence of the last possible game-ending pattern.

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19. A system as claimed in claim 18 in which the gaming server terminates the turn of the game of bingo if a player claims the favourable outcome.

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20. A system as claimed in claim 19 in which the prize claiming means remains activated until a player claims the favourable outcome.

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21. A method of operation of a system for playing a bingo-type game, comprising the steps of:

enabling each one of a plurality of player stations for operation by a respective player to place a wager on a turn of a game of bingo; activating a random event generator to generate a number of random events upon which an outcome of the game of bingo is based, the outcome being either an unfavourable outcome in which the player forfeits the wager, and at least one favourable outcome in which the player wins a corresponding prize;

displaying to the player on a secondary display means a simulation of a turn of the game of bingo; and

displaying to the player on a primary display means a simulation of a turn of a different entertainment game, the turn of the different entertainment game having an outcome that is an unfavourable outcome when the outcome of the turn of the game of bingo is an unfavourable outcome, and causing the player to win the same corresponding prize as the game of bingo when the outcome of the turn of the game of bingo is a favourable outcome.

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22. A method as claimed in claim 21 in which the random event generator is executed in a gaming server remote from the plurality of player stations

and in which communication is provided between the gaming server and each one of the plurality of remote player stations by means of a communication network.

- 5        23. A method as claimed in either one of claims 21 to 22 in which the game of bingo is established with 75 uniquely numbered balls and in which a random event generated by the random event generator is configured to correspond to the drawing at random of one of the 75 uniquely numbered balls.
- 10      24. A method as claimed in claim 23 which includes a step of establishing a player bingo card associated with the game of bingo to have 25 positions thereon arranged in a 5 by 5 grid, each grid position being numbered with a respective random number from one to 75.
- 15      25. A method as claimed in claim 24 in which one favourable outcome of the game of bingo is a game-ending pattern causing the turn of the game of bingo to terminate.
- 20      26. A method as claimed in claim 25 in which the game-ending pattern is determined as arising when each number on at least one player bingo card matches a number drawn by the random event generator.
- 25      27. A method as claimed in claim 26 in which the game of bingo has a plurality of further favourable outcomes, each one arising when all the numbers in a predetermined pattern on at least one player bingo card match the numbers drawn by the random event generator.
- 30      28. A method as claimed in claim 23 in which a first set of 24 of the 75 balls is drawn at random and data corresponding to the first set of 24 balls is transmitted to each one of the player stations.

29. A method as claimed in claim 28 which includes a further step of activating a prize claiming means on each one of the player stations, for a predetermined period of time the prize claiming means being operable by a player to claim any favourable outcome arising from the first set of 24 balls.
- 5
30. A method as claimed in claim 29 in which further balls are drawn at random, one at a time, and the occurrence of a game-ending pattern on any of the player bingo cards is checked after the drawing of each ball.
- 10
31. A method as claimed in claim 30 in which data corresponding to all the drawn balls necessary for the occurrence of the game-ending pattern is transmitted to each one of the player stations if the game-ending pattern is not the last possible game-ending pattern in the turn of the game of bingo.
- 15
32. A method as claimed in claim 31 in which the prize claiming means is activated on each one of the player stations for a predetermined period of time, each prize claiming means being operable by a player to claim a favourable outcome arising from the occurrence of the game-ending pattern.
- 20
33. A method as claimed in claim 32 in which the turn of the game of bingo is terminated if a player claims the favourable outcome within the predetermined period of time.
- 25
34. A method as claimed in claim 33 in which all the remaining balls are drawn at random if the game-ending pattern is the last possible game-ending pattern in the turn of the game of bingo and data corresponding to all the drawn balls necessary for the occurrence of the last game-ending pattern and to the remaining balls is transmitted to each one of the player stations.
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35. A method as claimed in claim 34 in which the prize claiming means is activated on each one of the player stations, the prize claiming means being operable by a player to claim a favourable outcome arising from the occurrence of the last possible game-ending pattern.

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36. A method as claimed in claim 35 in which the turn of the game of bingo terminates if a player claims the favourable outcome.

10 37. A method as claimed in claim 36 that includes the step of activating the prize claiming means until a player claims the favourable outcome.

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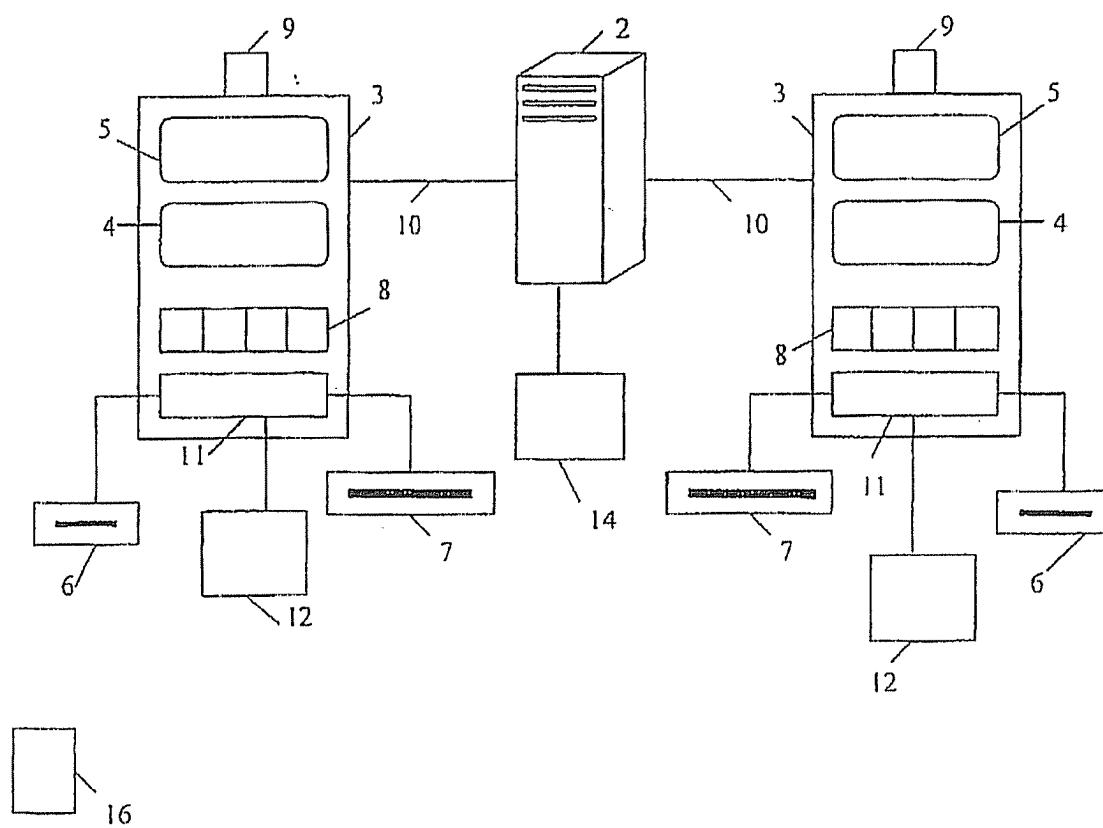


Figure 1

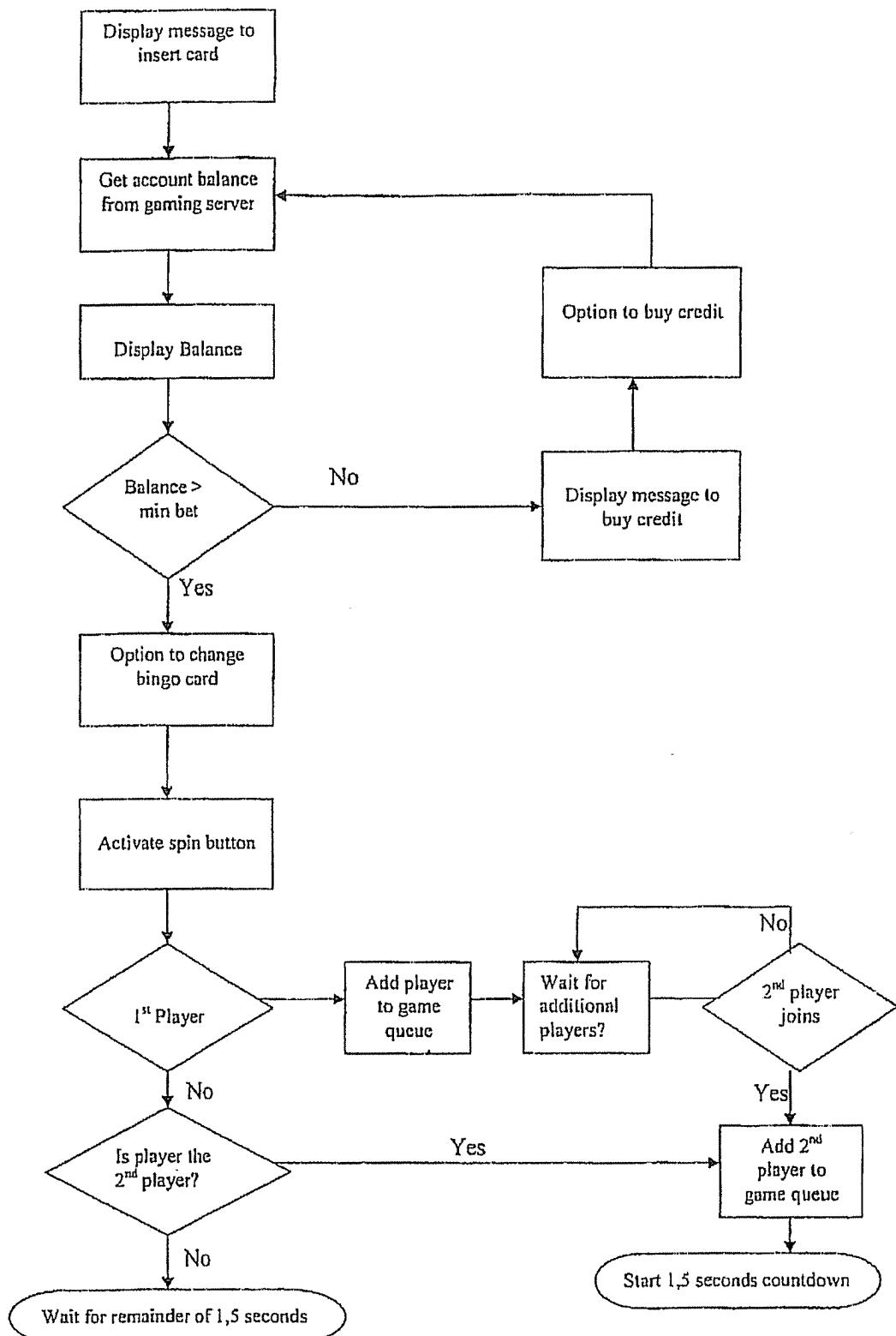


Figure 2

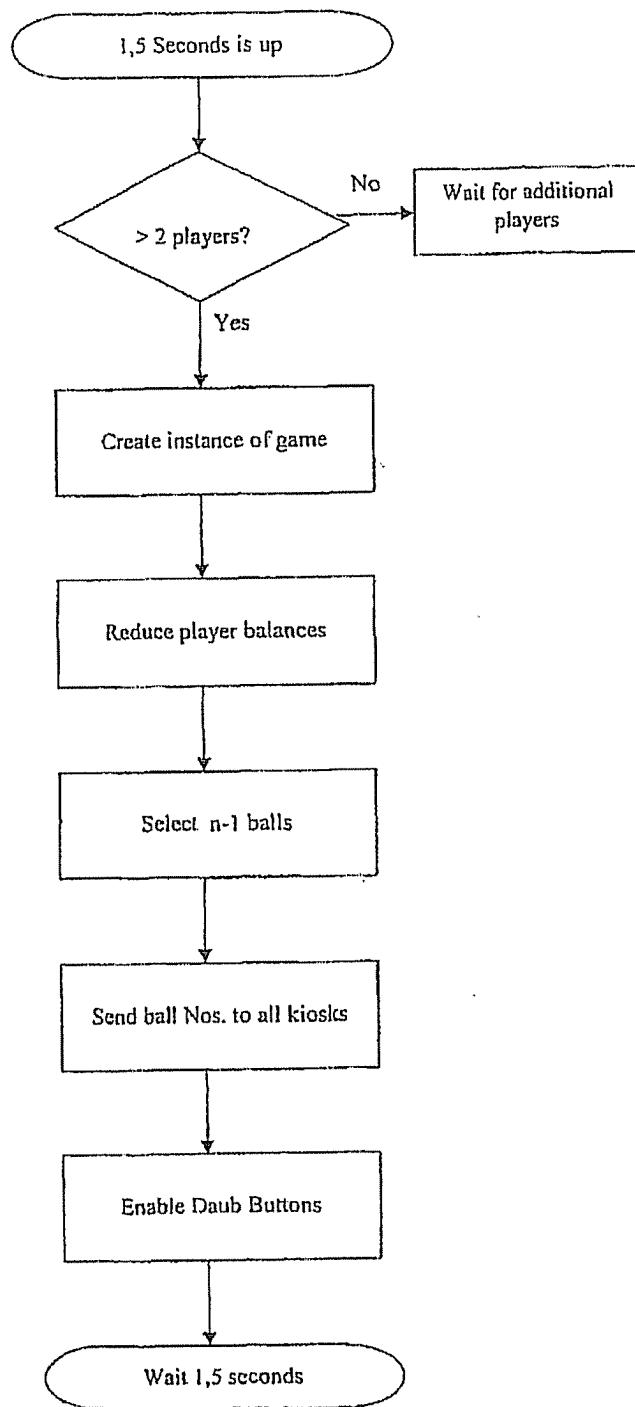


Figure 3

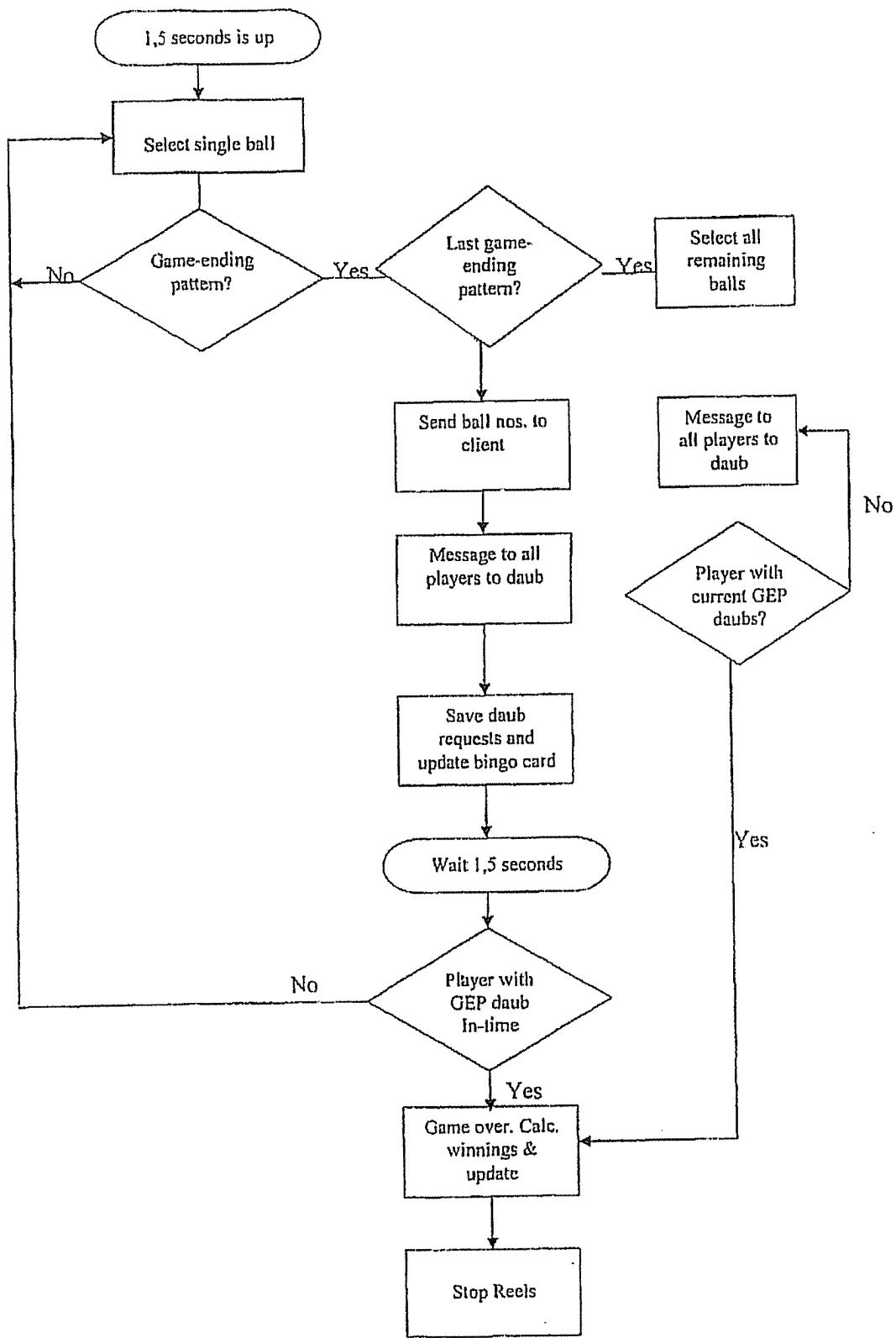


Figure 4

Claims

1. A system for playing a bingo-type game, comprising:
  - 5 a plurality of player stations, each player station being operable by a respective player to place a wager on a turn of a game of bingo;
  - 10 a random event generator activatable to generate a number of random events upon which an outcome of the game of bingo is based, the outcome being either an unfavourable outcome in which the player forfeits the wager, and at least one favourable outcome in which the player wins a corresponding prize;
  - 15 a secondary display means instructable by the player station to display a simulation of the turn of the game of bingo; and
  - 20 a primary display means instructable by the player station to display to the player a simulation of a turn of a different entertainment game having an outcome that is unfavourable when the outcome of the turn of the game of bingo is an unfavourable outcome, the turn of the different entertainment game causing the player to win the same corresponding prize as the game of bingo when the outcome of the turn of the game of bingo is a favourable outcome.
2. A system as claimed in claim 1 in which the random event generator is executable in a gaming server remote from the plurality of player stations, the gaming server being communicable with each one of the plurality of remote player stations by means of a communication network.
  - 25
3. A system as claimed in claim 1 in which the different entertainment game is a game of video slots.
- 30 4. A system as claimed in claim 1 in which the game of bingo has 75 uniquely numbered balls and in which a random event generated by the

random event generator corresponds to the drawing at random of one of the 75 uniquely numbered balls.

- 5        5. A system as claimed in claim 4 in which a player bingo card associated with the game of bingo has 25 positions thereon arranged in a 5 by 5 grid, each grid position being numbered with a respective random number from 1 to 75.
- 10      6. A system as claimed in claim 5 in which one favourable outcome of the game of bingo as a game-ending pattern causing the turn of the game of bingo to terminate.
- 15      7. A system as claimed in claim 6 in which the game-ending pattern arises when each number on at least one player bingo card matches a number drawn by the random event generator.
- 20      8. A system as claimed in claim 7 in which the game of bingo has a plurality of further favourable outcomes, each one arising when all the numbers in a respective predetermined pattern on at least one player bingo card match the numbers drawn by the random event generator.
- 25      9. A system as claimed in claim 4 in which the random event generator draws at random a first set of 24 of the 75 balls and transmits data corresponding to the first set of 24 balls to each one of the player stations.
10. A system as claimed in claim 9 in which each one of the player stations includes a prize claiming means operable by a player to claim any favourable outcome arising from the first set of 24 balls.
- 30      11. A system as claimed in claim 10 in which the prize claiming means is any one of a pushbutton on the player station or an activatable icon on the primary display means.

- 12.A system as claimed in claim 10 in which the prize claiming means is operable by a player for a predetermined period of time.
- 5       13.A system as claimed in claim 9 in which the random event generator draws at random further balls one at a time and the gaming server checks for the occurrence of a game-ending pattern on any of the player bingo cards after the drawing of each ball.
- 10      14.A system as claimed in claim 13 in which the gaming server transmits data corresponding to all the drawn balls necessary for the occurrence of the game-ending pattern to each one of the player stations if the game-ending pattern is not the last possible game-ending pattern in the turn of the game of bingo.
- 15      15.A system as claimed in claim 14 in which each one of the player stations activates its respective prize claiming means for a predetermined period of time to be operable by a player to claim a favourable outcome arising from the occurrence of the game-ending pattern.
- 20      16.A system as claimed in claim 15 in which the gaming server terminates the turn of the game of bingo if a player claims the favourable outcome within the predetermined period of time.
- 25      17.A system as claimed in claim 16 in which the random event generator draws at random all the remaining balls if the game-ending pattern is the last possible game-ending pattern in the turn of the game of bingo and the gaming server transmits data corresponding to all the drawn balls necessary for the occurrence of the last game-ending pattern and the remaining balls to each one of the player stations.
- 30

- 18.A system as claimed in claim 17 in which each one of the player stations  
activates its respective prize claiming means to be operable by a player to  
claim a favourable outcome arising from the occurrence of the last  
possible game-ending pattern.
- 5
- 19.A system as claimed in claim 18 in which the gaming server terminates the  
turn of the game of bingo if a player claims the favourable outcome.
- 10 20.A system as claimed in claim 19 in which the prize claiming means  
remains activated until a player claims the favourable outcome.
- 21.A method of operation of a system for playing a bingo-type game,  
comprising the steps of:  
15 enabling each one of a plurality of player stations for operation by a  
respective player to place a wager on a turn of a game of bingo;  
activating a random event generator to generate a number of random  
events upon which an outcome of the game of bingo is based, the  
outcome being either an unfavourable outcome in which the player forfeits  
20 the wager, and at least one favourable outcome in which the player wins a  
corresponding prize;  
displaying to the player on a secondary display means a simulation of a  
turn of the game of bingo; and  
displaying to the player on a primary display means a simulation of a turn  
25 of a different entertainment game having an outcome that is unfavourable  
when the outcome of the turn of the game of bingo is an unfavourable  
outcome, the turn of the different entertainment game causing the player  
to win the same corresponding prize as the game of bingo when the  
outcome of the turn of the game of bingo is a favourable outcome.
- 30 22.A method as claimed in claim 21 in which the random event generator is  
executed in a gaming server remote from the plurality of player stations

and in which communication is provided between the gaming server and each one of the plurality of remote player stations by means of a communication network.

- 5        23. A method as claimed in claim 21 in which the game of bingo is established with 75 uniquely numbered balls and in which a random event generated by the random event generator is configured to correspond to the drawing at random of one of the 75 uniquely numbered balls.
- 10      24. A method as claimed in claim 23 which includes a step of establishing a player bingo card associated with the game of bingo to have 25 positions thereon arranged in a 5 by 5 grid, each grid position being numbered with a respective random number from one to 75.
- 15      25. A method as claimed in claim 24 in which one favourable outcome of the game of bingo is a game-ending pattern causing the turn of the game of bingo to terminate.
- 20      26. A method as claimed in claim 25 in which the game-ending pattern is determined as arising when each number on at least one player bingo card matches a number drawn by the random event generator.
- 25      27. A method as claimed in claim 26 in which the game of bingo has a plurality of further favourable outcomes, each one arising when all the numbers in a predetermined pattern on at least one player bingo card match the numbers drawn by the random event generator.
- 30      28. A method as claimed in claim 23 in which a first set of 24 of the 75 balls is drawn at random and data corresponding to the first set of 24 balls is transmitted to each one of the player stations.

- 29.A method as claimed in claim 28 which includes a further step of activating  
a prize claiming means on each one of the player stations, for a  
predetermined period of time the prize claiming means being operable by  
a player to claim any favourable outcome arising from the first set of 24  
balls.
- 5
- 30.A method as claimed in claim 29 in which further balls are drawn at  
random, one at a time, and the occurrence of a game-ending pattern on  
any of the player bingo cards is checked after the drawing of each ball.
- 10
- 31.A method as claimed in claim 30 in which data corresponding to all the  
drawn balls necessary for the occurrence of the game-ending pattern is  
transmitted to each one of the player stations if the game-ending pattern is  
not the last possible game-ending pattern in the turn of the game of bingo.
- 15
- 32.A method as claimed in claim 31 in which the prize claiming means is  
activated on each one of the player stations for a predetermined period of  
time, each prize claiming means being operable by a player to claim a  
favourable outcome arising from the occurrence of the game-ending  
pattern.
- 20
- 33.A method as claimed in claim 32 in which the turn of the game of bingo is  
terminated if a player claims the favourable outcome within the  
predetermined period of time.
- 25
- 34.A method as claimed in claim 33 in which all the remaining balls are drawn  
at random if the game-ending pattern is the last possible game-ending  
pattern in the turn of the game of bingo and data corresponding to all the  
drawn balls necessary for the occurrence of the last game-ending pattern  
and to the remaining balls is transmitted to each one of the player stations.
- 30

35.A method as claimed in claim 34 in which the prize claiming means is activated on each one of the player stations, the prize claiming means being operable by a player to claim a favourable outcome arising from the occurrence of the last possible game-ending pattern.

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36.A method as claimed in claim 35 in which the turn of the game of bingo terminates if a player claims the favourable outcome.

10 37.A method as claimed in claim 36 that includes the step of activating the

prize claiming means until a player claims the favourable outcome.

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**DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**SYSTEM FOR PLAYING A BINGO-TYPE GAME**

the specification of which is attached hereto unless the following space is checked:

was filed on December 10, 2004 as International Application Serial Number PCT/IB2004/004060, now US Application Serial Number 10/579,806.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56 (including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application).

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s):

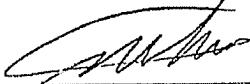
	<u>Number</u>	<u>Country</u>	<u>Day/Month/Year Filed</u>
1.	0328604.4	United Kingdom	10 December 2003
2.			

I hereby appoint the practitioners associated with the Customer Number provided below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and I direct that all correspondence be addressed to that Customer Number.

Customer Number: **020306**  
Principal attorney or agent: Richard A. Machonkin  
Telephone number: 312-913-0001

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

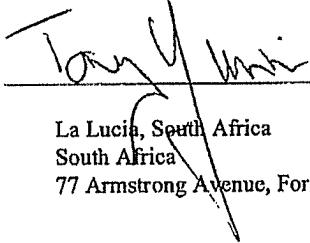
Full name of first joint inventor: Theo Naicker

Inventor's signature: 

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Citizenship: South Africa  
Post Office Address: 77 Armstrong Avenue, Forest Park, La Lucia 4051, South Africa

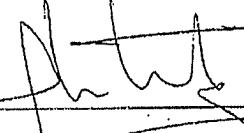
Full name of second joint inventor: Tony Yunnie

Inventor's signature: 

Date: 30-1-07

Residence: La Lucia, South Africa  
Citizenship: South Africa  
Post Office Address: 77 Armstrong Avenue, Forest Park, La Lucia 4051, South Africa

Full name of third joint inventor: Jon Hutchings

Inventor's signature: 

Date: 30-01-07.

Residence: La Lucia, South Africa  
Citizenship: South Africa  
Post Office Address: 77 Armstrong Avenue, Forest Park, La Lucia 4051, South Africa

Full name of fourth joint inventor: Devan Govender

Inventor's signature: \_\_\_\_\_

Date: \_\_\_\_\_

Residence: Umdloti, South Africa  
Citizenship: South Africa  
Post Office Address: 1 Aqua Marina, 1 Marine Drive, Umdloti, 4350, South Africa

ASSIGNMENT

Case No.: 06-361  
10/579,806

Serial No.:

Inventors: Theo Naicker, et al.  
Date of Execution  
of Application:  
December 10, 2004

International Filing Date:

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign to:

Waterleaf Limited  
Top Floor  
14 Athol Street  
Douglas, Isle of Man IM1 1JA  
United Kingdom

its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled:

**SYSTEM FOR PLAYING A BINGO-TYPE GAME**

and identified as:

Case No. 06-361

in the offices of McDONNELL BOEHNEN HULBERT & BERGHOFF LLP and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assigns to said assignee the priority right provided by the International Convention.

The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorize and request the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known, and the date of execution of the application.

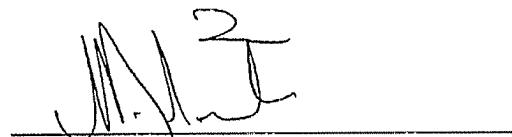
The undersigned warrant themselves to be the owners of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrant that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorize said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agree, upon the request of said assignee, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignee, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

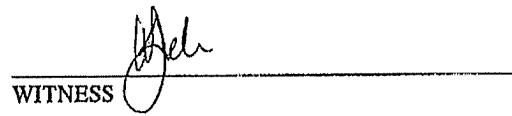
WITNESS my hand and seal this 30<sup>th</sup> day of JANUARY, 2007.



Theo Naicker



WITNESS

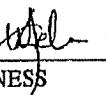


WITNESS

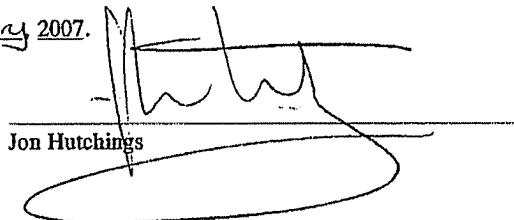
WITNESS my hand and seal this 30 day of January, 2007.

  
Tony Yunnie

  
\_\_\_\_\_  
WITNESS

  
\_\_\_\_\_  
WITNESS

WITNESS my hand and seal this 30 day of January 2007.



Jon Hutchings

WITNESS

WITNESS

WITNESS my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 2007.

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Devan Govender

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WITNESS

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WITNESS

# **EXHIBIT G**

**From:** Devan Govender [devangov@gmail.com]  
**Sent:** 03 August 2007 16:15  
**To:** Tracey Clarke  
**Subject:** Re: Our Ref: P1043US - U.S. Patent Application No. 10/579,806 entitled "System for Playing A Bingo-Type Game"  
Hi Tracey

As previously discussed with Frank Verardi, I refuse to sign these documents.

Thank you

Devan

On 8/3/07, **Tracey Clarke** <TraceyC@novellie.com> wrote:

Dear Devan

I attach a copy of the complete U.S. Patent Application Serial No. 10/579,806 (entitled "System for Playing A Bingo-Type Game"). I have also again appended two forms directly relating to the patent application: a draft Declaration and a draft Assignment. Please sign the two documents and return them to me as a matter of urgency.

Regards

*Tracey Clarke  
Assistant to Frank Verardi  
Novellie Verardi & Mitchell  
MGS House, Circular Road, Douglas, Isle of Man, British Isles, IM1 1BL  
Tel +44 (1624) 641 529 | Fax +44 (1624) 641 521 | E-Mail traceyc@novellie.com*

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